

Personal Finance Management System - Session Output

Project Id: UY6758GH

Task: Develop a Personal Finance Management Application

Objective:

Create a command-line application that helps users manage their personal finances by tracking income, expenses, and generating financial reports.

Output :

```
Windows PowerShell
```

```
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```

```
Install the latest PowerShell for new features and improvements!
```

```
https://aka.ms/PSWindows
```

```
PS C:\Users\hp> cd C:\Users\hp\Desktop\Personal_Finance_System
```

```
PS C:\Users\hp\Desktop\Personal_Finance_System> python main.py
```

```
Personal Finance Management System
```

```
1. Register
```

```
2. Login
```

```
3. Exit
```

```
4. Backup Data
```

```
5. Restore Data
```

```
Choose an option: 1
```

```
Choose a username: Pulkit Upreti
```

```
Choose a password: 103
```

❑ Username already exists. Deleting the old account...

✔ Registration successful with the new credentials!

Personal Finance Management System

1. Register

2. Login

3. Exit

4. Backup Data

5. Restore Data

Choose an option: 2

Username: Pulkit Upreti

Password: 103

✔ Login successful!

❑ Finance Menu:

1. Add Transaction

2. View Transactions

3. Update Transaction

4. Delete Transaction

5. Logout

6. Generate Monthly Report

7. Generate Yearly Report

8. Set Budget

9. Delete My Account

Select an option: 1

Type (Income/Expense): Income

Category (Food, Salary): Salary

Amount: 20000

Description (optional):

Transaction added.

☐ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 1

Type (Income/Expense): Expense

Category (Food, Salary): Food

Amount: 2000

Description (optional):

Transaction added.

☐ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction

5. Logout
 6. Generate Monthly Report
 7. Generate Yearly Report
 8. Set Budget
 9. Delete My Account
- Select an option: 2

□ Your Transactions :

[10] INCOME | Salary | ₹20000.0 | 2025-05-28 |

[11] EXPENSE | Food | ₹2000.0 | 2025-05-28 |

□ Finance Menu:

1. Add Transaction
 2. View Transactions
 3. Update Transaction
 4. Delete Transaction
 5. Logout
 6. Generate Monthly Report
 7. Generate Yearly Report
 8. Set Budget
 9. Delete My Account
- Select an option: 3

□ Your Transactions :

[10] INCOME | Salary | ₹20000.0 | 2025-05-28 |

[11] EXPENSE | Food | ₹2000.0 | 2025-05-28 |

Enter transaction ID to update: 11

New amount: 3000

Transaction updated.

□ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 2

□ Your Transactions :

[10] INCOME | Salary | ₹20000.0 | 2025-05-28 |

[11] EXPENSE | Food | ₹3000.0 | 2025-05-28 |

▣ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction

4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 4

▣ Your Transactions :

[10] INCOME | Salary | ₹20000.0 | 2025-05-28 |

[11] EXPENSE | Food | ₹3000.0 | 2025-05-28 |

Enter transaction ID to delete: 11

Transaction deleted.

▣ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 2

❏ Your Transactions :

[10] INCOME | Salary | ₹20000.0 | 2025-05-28 |

❏ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 6

Enter month (MM): 05

Enter year (YYYY): 2025

❏ Monthly Report for 05/2025

Total Income: ₹20000.0

Total Expenses: ₹0

Savings: ₹20000.0

❏ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction

4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 7

Enter year (YYYY): 2025

☐ Yearly Report for 2025

Total Income: ₹20000.0

Total Expenses: ₹0

Savings: ₹20000.0

☐ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 8

Enter category: Salary
Enter budget limit: 15000
Enter month (MM): 05
Enter year (YYYY): 2025
Budget set successfully.

❑ Finance Menu:

1. Add Transaction
 2. View Transactions
 3. Update Transaction
 4. Delete Transaction
 5. Logout
 6. Generate Monthly Report
 7. Generate Yearly Report
 8. Set Budget
 9. Delete My Account
- Select an option: 2

❑ Your Transactions :

[10] INCOME | Salary | ₹25000.0 | 2025-05-28 |

❑ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction

4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 5

Logging out...

Personal Finance Management System

1. Register
2. Login
3. Exit
4. Backup Data
5. Restore Data

Choose an option: 5

✔ Database restored from 'finance_app_backup.db'.

Personal Finance Management System

1. Register
2. Login
3. Exit
4. Backup Data
5. Restore Data

Choose an option: 2

Username: Pulkit Upreti

Password: 103

✓ Login successful!

☐ Finance Menu:

1. Add Transaction
2. View Transactions
3. Update Transaction
4. Delete Transaction
5. Logout
6. Generate Monthly Report
7. Generate Yearly Report
8. Set Budget
9. Delete My Account

Select an option: 9

Are you sure you want to delete your account ? This cannot be undone (Yes/No): Yes

Your account and all related transactions have been deleted.

- By
Pulkit Upreti